

NTM 3200 – Linux+
Fall 2014, Tuesday-Thursday, 9:00-10:20am
Davis Campus D2-311

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Textbook: TestOut.com, Linux+, 2012, ISBN-13: 978-1-935080-38-1

Course Description:

The goal of this course is to prepare you to pass a Linux certification exam, to demonstrate to potential employers that you have mastered important theoretical and practical knowledge about Linux-based computers. You will learn the basics of Linux technology and be trained as a system administrator to maintain a Linux server that other users rely on for e-mail, Web, database, networking, or other system services. In addition to the theoretical issues covered you will gain much practical knowledge through the use of hands-on projects designed to reinforce the material in each chapter of the text.

Learning Outcomes: At the completion of this course the students will be able to:

1. View command help
2. Manage files and directories
3. Create hard and symbolic links
4. Configure the boot file
5. Manage system and service runlevels
6. Stop, restart, and manage services
7. Shut down the system
8. Manage users and groups
9. Manage passwords
10. Format a hard disk, mount a volume
11. Manage quotas
12. Manage file and directory permissions
13. Manage printing
14. Manage network interfaces

Web Site:

You will access the course through TestOut.com, you must purchase the book either at the WSU book store or online. The ISBN number is linked to my specific course so you must use it. Supplementary information for the course is available at <http://faculty.weber.edu/kcuddeback>. The Web site contains class notes, PowerPoint slides, class announcements, the course syllabus, test

dates, and other information for the course. Answers to the end of chapter review questions, student assignment files, and hands-on projects can also be obtained from the Web site.

Policies:

Attendance: You are responsible for all announcements made and material covered in class. Make arrangements with someone to share notes and pick up the handouts for you if you are absent.

Ethics: Failure to maintain academic ethics/academic honesty including the avoidance of cheating, plagiarism, collusion, and falsification will result in a E in the course, and may result in charges being issued, hearings being held and/or sanctions being imposed.

Special Needs: Any student requiring accommodations or services due to a disability must contact Services for Students with Disabilities (SSD) in room 181 of the Student Service Center. SSD can also arrange to provide course materials (including this syllabus) in alternative formats if necessary.

Grading: 100% of your grade is derived from all the activities and reading of the on-line curriculum at TestOut.com.

Schedule

WEEK of August 24	1.0 - Using Linux
September 1	2.0 - Installation and Localization
September 7	3.0 – Boot and Shutdown
September 14	4.0 – User Interfaces and Desktops
September 21	5.0 – Software Installation
September 28	6.0 –Users and Groups
October 5	7.0 – Disk and File System Management

October 12

8.0 – Hardware Installation

October 21

9.0 – Processes and System Services

October 26

10.0 – System Monitoring

November 2

11.0 - Networking

November 9

12.0 - Security

November 16

Review – Test Prep

November 23

Review – Test Prep

December 1

Review – Test Prep

I will be traveling to San Diego the latter part of this week to turn in Basha. Will be back on Tuesday the 11th.

**December 7 Final's Week
are completed**

No Final Exam for this clas - make sure ALL of the TestOut quizzes